Alexander Cohen

Full Stack Web Developer

Extensive experience creating, testing, and maintaining web applications. Passionate towards software architecture and design with a particular inclination to providing high quality solutions to businesses.

📞 514-248-8638   ✉ work.alex.@gmail.com   🌐 alexcohen.dev   Github   in LinkedIn

💼 EXPERIENCE

Adaptive

📅 Nov 2020 - Current   📍 Montreal, QC

</> Java Spring, Kafka, Typescript React/Angular Postgresql, Redis

- Collaborated with clients across several domains in the fields of pharmaceuticals and medicine as a part of an independent consulting team.
- Developed/maintained large real-time pharmaceutical web applications achieving high throughput using an event-driven microservices architecture.
- Developed frontend applications using React/NextJs framework while managing state using Redux.
- Redesigned large monolith applications into a microservice architecture.
- Transferred legacy systems into modern frameworks providing significant improvements in scalability/performance
- Furthermore reduced infrastructure costs by deploying applications from traditional mainframes to flexible cloud-based applications.
- Re-designed traditional monolith systems into a more scalable, performant microservice architecture.

⚙ TECHNICAL SKILLS

LANGUAGES

- C++
- Java
- TS Typescript
- Python

FRAMEWORKS

Frontend
- React
- Angular

Backend
- Spring Boot
- NodeJS
- Laravel

DATABASES

- Postgres
- MongoDB
- Redis

TECHNOLOGIES

- Docker
- Git
- Kubernetes
- Bash

BIOSYNCROTEK

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📅 Sept 2019 - Nov 2020   📍 Montreal, QC

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PARADIGMS

- {R} REST
- { } Event Sourcing
- Microservices
- CI/CD

SOFT SKILLS

- 文A Bilingual Eng/Fr
- Excellent Team Player
- Creative Problem Solver
- Time Management

EDUCATION

Concordia University
BSc. Computer Science
Class of 2020
- Awardee, School Bursary

📁 PROJECTS

🎵 MonoLInk Music Project - <u>Team Project</u>

⊙ <u>Github Repo</u>

</> Typescript React, NodeJS, MongoDB

- Coordinated with team members to develop a front-end system
- for an enhanced user experience.
- Set up user authentication (Sign In/ Sign Up) system.
- Migrated password database to Firebase for enhanced security,
- as well as to simplify ease of use for data management.
- Set up routes for authentication, searching, filtering, etc.
- Extracted information from the provided URL to search the respective APIs.
- Worked alongside team members to develop front-end system.

🛒 Ecommerce Platform - <u>Team Lead of 12</u>

⊙ <u>Github Repo</u>   🗂 <u>Trello</u>

</> Typescript React, NodeJS, MongoDB

- Coordinated with team members to plan, develop, test and present the platform.
- Established development teams and assigned members to individual teams based on aptitudes/skills and personalities.
- Provided structure to the development process using Agile workflow.
- Spearheaded weekly meetings with teams to monitor progress, as well as help resolve any issues during the development process.
- Assisted members in facing challenges during development by coordinating work tasks for each team
- managing conflicting workflows, and providing solutions to any technical problems.

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- Ensuring deadlines for project goals are met in a timely matter on an individual basis.
- Monitoring team member progress to assist in meeting project goals.
- Implemented project monitoring using Trello work process.